

WHAT IS CLAIMED IS:

1. A membrane switch mounting structure for a vehicle, comprising:

a switch mounting space formed at a front side of a cushion cover disposed to face an

5 inner side of a horn cover; and

a membrane switch inserted into said switch mounting space.

2. The structure as defined in claim 1, wherein said switch mounting space is formed between a first cushion enclosing an air-bag cushion and a second cushion integrally formed at a front side of said first cushion.

10 3. The structure as defined in claim 1, wherein said membrane switch connects with a supporting plate and is installed inside said switch mounting space.

4. The structure as defined in claim 3, wherein said supporting plate is formed at one side with a plate protruder having a frame shape that is similar or identical to that of said membrane switch, and an outer frame part of said membrane switch is supported by said
15 plate protruder that connects with said supporting plate.

5. A steering wheel having a generally central portion configured to receive a horn cover, wherein said generally central portion includes:

an air-bag cushion that is covered by a cushion cover;

a switch mounting space formed at a first side of said cushion cover that faces an

20 inner side of said horn cover; and

a membrane switch that is inserted into said switch mounting space.

6. The steering wheel as defined in claim 5, wherein said cushion cover further comprises a first cushion and a second cushion, in which said first cushion encloses said air-bag cushion and said second cushion is disposed above said first cushion to form a gap
25 between said first cushion for said switch mounting space to occupy.

7. The steering wheel as defined in claim 6, wherein said second cushion is disposed between said horn cover and said first cushion.

8. The steering wheel as defined in claim 7, wherein said switch mounting space is located between said first cushion and said second cushion.

9. The steering wheel as defined in claim 5, wherein said membrane switch connects with a supporting plate that is installed in said switch mounting space.

5 10. The steering wheel as defined in claim 9, wherein said supporting plate further comprises a plurality of plate protruding sides that form a bounded area that is similarly or identically shaped as said membrane switch so that said membrane switch is disposed within said bounded area.